



August 2009

DEPARTMENT OF EDUCATION
2008–2009 School Year Reports

Dear School Board Members and School Personnel:

The Maine Comprehensive Assessment System is the State's measure of student progress in achieving the State standards known as *Learning Results*. The Maine Educational Assessment (MEA) is administered in grades 3 through 8 to meet these state assessment requirements. Since the spring of 2006, the SAT Reasoning Test™ (SAT) has been administered to students in their third year of high school in place of the MEA for state and federal purposes. The move from the MEA to the SAT in grade 11 was made to encourage all students in the goal of attaining college and high-level workplace readiness as well as to measure academic achievement. This year, the mathematics portion of the SAT Reasoning Test™ was augmented with 11 additional mathematics items (the Math-A test) to more fully measure Maine's *Learning Results*. The assessment continues to include science testing, which resumed last year after a two-year hiatus. The combined set of tests comprises the Maine High School Assessment (MHSA).

These 2008-2009 Maine High School Assessment Summary Reports contain the results of student performance in critical reading, mathematics, writing, and science reported according to the academic standards described above and disaggregated by student and school characteristics. The MHSA achievement level standards for the 2009 critical reading, writing, mathematics and science sections of the MHSA were determined by Maine educators with specific expertise within the content areas. This report, together with individual student and subject-specific student roster reports, provides support for use in program evaluation and planning. All scores contained in these reports are included for Maine state and federal reporting purposes only. While scores from the SAT may also be used for college admission by most students, they may not be used for that purpose if a student received accommodations during the test administration that exceeded those made available by the College Board.

These results reflect scores based on SAT, Math-A, and Science test questions that were taken by over 15,000 students who were enrolled in their third year of high school across all Maine public schools. The MHSA employs an assessment design that requires students to create a written response to a writing prompt, generate answers to open-ended mathematics and science questions, and in all subjects, select answers to multiple-choice questions. More information about the design, history, and use of the SAT can be found at: http://www.maine.gov/education/sat_initiative/.

I look forward to working with you in support of our continued efforts to improve the quality and effectiveness of the instructional opportunities designed to help all students achieve the high standards of the *Learning Results* and graduate from any Maine high school prepared for college, career, and citizenship.

Sincerely,

Susan A. Gendron
Commissioner of Education

Maine
High School
Assessment

High School Report

Test Date: May 2009
Code: 12141551
SAU: MSAD 20
School: Fort Fairfield Middle/High Sch

Contents of the Report

The report is divided into six main sections including a section describing the students tested and a separate section for the results in each content area.

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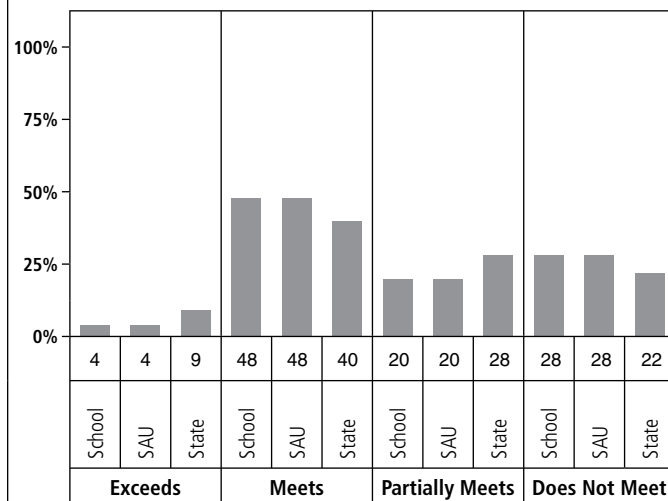
SUMMARY OF SCORES

Test Date: May 2009
SAU: MSAD 20
School: Fort Fairfield Middle/High Sch

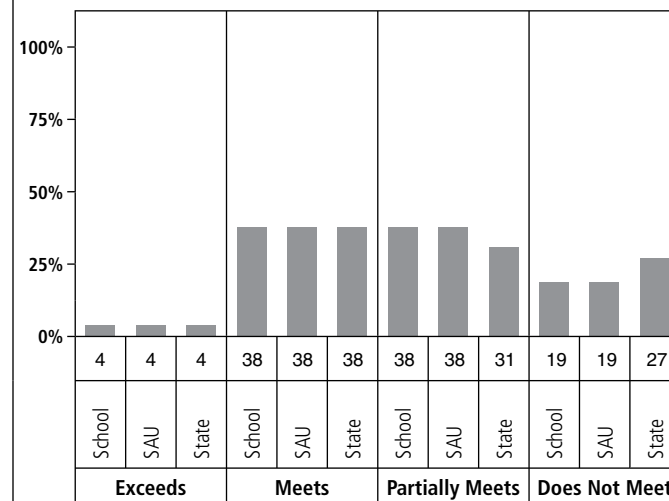
Summary of School, SAU, and State Scores

Year	Average Scaled Score		
	School	SAU	State
Critical Reading			
2006–2007	1136	1136	1141
2007–2008	1141	1141	1141
2008–2009	1139	1139	1141
Cum Average*	1139	1139	1141
Mathematics			
2006–2007	1139	1139	1140
2007–2008	1142	1142	1141
2008–2009	1142	1142	1141
Cum Average*	1141	1141	1141
Writing			
2006–2007	1137	1137	1141
2007–2008	1138	1138	1140
2008–2009	1136	1136	1140
Cum Average*	1137	1137	1140
Science 2008–2009**	1142	1142	1140

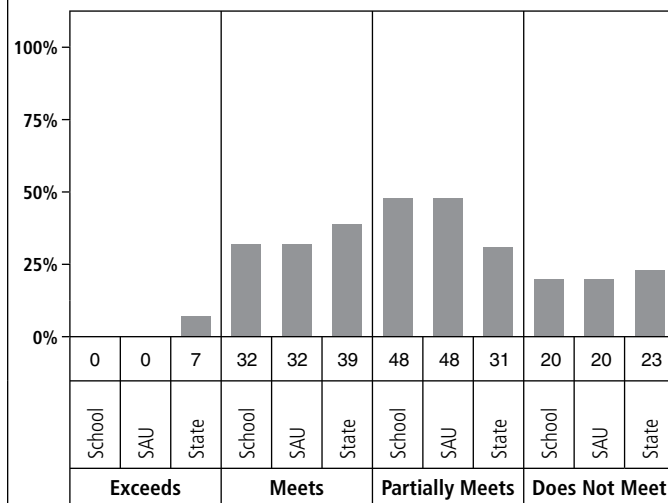
CRITICAL READING



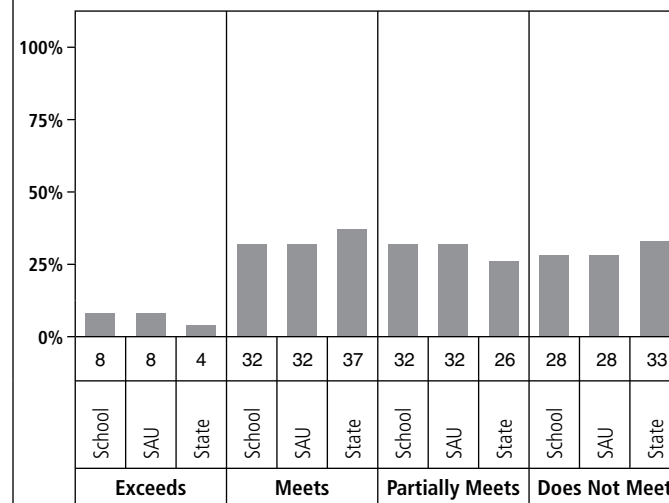
MATHEMATICS



WRITING



SCIENCE



*Cumulative averages are weighted, i.e., the scaled scores are averaged proportionally based on the numbers of students in each year.

**Because science standards were reset in May 2009, no historical data are available.

SUMMARY OF STUDENT PARTICIPATION

Test Date: May 2009
SAU: MSAD 20
School: Fort Fairfield Middle/High Sch

CATEGORY OF PARTICIPATION	Enrollment ¹ during testing window						CONTENT AREA PARTICIPATION ²																							
							Critical Reading						Mathematics						Writing						Science					
	School		SAU		State		School		SAU		State		School		SAU		State		School		SAU		State		School		SAU		State	
	N	%	N	%	N	%	N	%	N	%	N	%	N	%	N	%	N	%	N	%	N	%	N	%	N	%	N	%	N	%
Total number of students	26	100	26	100	15632	100	25	96	25	96	14928	96	26	100	26	100	15274	98	25	96	25	96	14926	96	25	96	25	96	15079	97
Ethnicity African American/Black	1	4	1	4	341	2	1	100	1	100	310	91	1	100	1	100	322	95	1	100	1	100	309	91	1	100	1	100	317	93
American Indian or Native Alaskan	0	0	0	0	111	1	0	0	0	0	101	91	0	0	0	0	107	96	0	0	0	0	101	91	0	0	0	0	103	93
Asian or Pacific Islander	0	0	0	0	241	2	0	0	0	0	221	92	0	0	0	0	229	95	0	0	0	0	221	92	0	0	0	0	227	94
Hispanic	0	0	0	0	166	1	0	0	0	0	156	94	0	0	0	0	162	98	0	0	0	0	156	94	0	0	0	0	155	93
Caucasian/White	25	96	25	96	14773	95	24	96	24	96	14140	96	25	100	25	100	14454	98	24	96	24	96	14139	96	24	96	24	96	14277	97
Not Reported	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Identified disability	5	19	5	19	2327	15	5	100	5	100	2108	91	5	100	5	100	2200	95	5	100	5	100	2099	91	5	100	5	100	2140	92
Current LEP	0	0	0	0	262	2	0	0	0	0	232	89	0	0	0	0	246	94	0	0	0	0	231	88	0	0	0	0	240	92
Economically disadvantaged	13	50	13	50	4634	30	12	92	12	92	4263	92	13	100	13	100	4451	96	12	92	12	92	4262	92	13	100	13	100	4383	95
Migrant	0	0	0	0	5	0	0	0	0	0	4	80	0	0	0	0	5	100	0	0	0	0	4	80	0	0	0	0	5	100

MODE OF PARTICIPATION ³	Critical Reading						Mathematics						Writing						Science					
	School		SAU		State		School		SAU		State		School		SAU		State		School		SAU		State	
	N		N		N		N		N		N		N		N		N		N		N		N	
	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%
Participation without accommodations	25	96	25	96	13079	84	26	100	26	100	13417	86	25	96	25	96	13084	84	25	96	25	96	13288	85
Identified disability (PET/IEP)	5	20	5	20	727	6	5	19	5	19	814	6	5	20	5	20	725	6	5	20	5	20	802	6
LEP	0	0	0	0	170	1	0	0	0	0	181	1	0	0	0	0	170	1	0	0	0	0	177	1
504 plan	1	4	1	4	238	2	1	4	1	4	245	2	1	4	1	4	238	2	1	4	1	4	241	2
Participation with accommodations	0	0	0	0	1626	10	0	0	0	0	1636	10	0	0	0	0	1624	10	0	0	0	0	1579	10
Identified disability (PET/IEP)	0	0	0	0	1158	71	0	0	0	0	1165	71	0	0	0	0	1156	71	0	0	0	0	1126	71
LEP	0	0	0	0	56	3	0	0	0	0	59	4	0	0	0	0	55	3	0	0	0	0	57	4
504 plan	0	0	0	0	79	5	0	0	0	0	79	5	0	0	0	0	80	5	0	0	0	0	77	5
Other	0	0	0	0	360	22	0	0	0	0	360	22	0	0	0	0	360	22	0	0	0	0	345	22
Participation through alternate assessment (PAAP)	0	0	0	0	223	1	0	0	0	0	221	1	0	0	0	0	218	1	0	0	0	0	212	1
Identified disability (PET/IEP)	0	0	0	0	223	100	0	0	0	0	221	100	0	0	0	0	218	100	0	0	0	0	212	100
LEP	0	0	0	0	6	3	0	0	0	0	6	3	0	0	0	0	6	3	0	0	0	0	6	3
504 plan	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Approved non-participation in reading – 1st year LEP	0	0	0	0	0	0																		
Approved non-participation – special consideration	0	0	0	0	24	0	0	0	0	0	34	0	0	0	0	0	24	0	0	0	0	0	26	0
Non-participation – other	1	4	1	4	680	4	0	0	0	0	324	2	1	4	1	4	682	4	1	4	1	4	527	3

¹Percents are the percentage of students enrolled in each participation category.

²Percents are the percentage of students, including those who participated through alternate assessment (PAAP), who participated in the content area.

³Percents are the percentage of students in each content area by mode.

CRITICAL READING RESULTS

Test Date: May 2009
 SAU: MSAD 20
 School: Fort Fairfield Middle/High Sch

ACHIEVEMENT LEVELS: Achievement level definitions describe the quality of a student's responses on state-level assessments in relation to the reading standards for achieving Maine's *Learning Results*.

Maine state-level assessments measure the knowledge and skills of students by sampling identified standards within reading at the grade level assessed. Evidence includes responses to multiple-choice items in an "on demand" setting.

		STUDENTS AT EACH ACHIEVEMENT LEVEL					
		School		SAU		State	
		N	%	N	%	N	%
Exceeds the Standards – The student's work demonstrates the ability to read and interpret literary and informational texts appropriate for the grade level by applying a variety of reasoning skills and prior knowledge as the student draws in-depth inferences, analyzes texts for subtle clues, synthesizes information across texts, and uses knowledge of text structures and literary devices to make deeper connections within or across texts to increase comprehension. (scaled score 1162-1180)	2006-2007	1	3	1	3	1168	8
	2007-2008	2	4	2	4	1184	8
	2008-2009	1	4	1	4	1339	9
	Cum. Total*	4	4	4	4	3691	8
Meets the Standards – The student's work demonstrates the ability to read and interpret literary and informational texts appropriate for the grade level by applying a variety of reasoning skills and prior knowledge as the student draws inferences, identifies summary statements, connects ideas within and across texts, and uses knowledge of text structures and literary devices to increase comprehension. (scaled score 1142-1160)	2006-2007	9	31	9	31	5714	38
	2007-2008	21	47	21	47	5885	40
	2008-2009	12	48	12	48	5897	40
	Cum. Total*	42	42	42	42	17496	40
Partially Meets the Standards – The student's work demonstrates an inconsistent ability to read and interpret literary and informational texts appropriate for the grade level. The student's ability to use a variety of reasoning skills and prior knowledge varies depending on the texts as s/he draws inferences, identifies summary statements, connects ideas within and across texts, and uses knowledge of text structures and literary devices to support comprehension. (scaled score 1130-1140)	2006-2007	8	28	8	28	4728	31
	2007-2008	13	29	13	29	4093	28
	2008-2009	5	20	5	20	4169	28
	Cum. Total*	26	26	26	26	12990	29
Does Not Meet the Standards – The student's work demonstrates a limited ability to read and interpret literary and informational texts appropriate for the grade level. The student's responses are often incorrect leaving the impression that the student found it difficult to use a variety of reasoning skills and prior knowledge as s/he draws inferences, identifies summary statements, connects ideas within and across texts, or uses knowledge of text structures and literary devices to support comprehension. (scaled score 1100-1128)	2006-2007	11	38	11	38	3444	23
	2007-2008	9	20	9	20	3417	23
	2008-2009	7	28	7	28	3255	22
	Cum. Total*	27	27	27	27	10116	23

CRITICAL READING RESULTS BY REPORTING SUBGROUPS

Test Date: May 2009
SAU: MSAD 20
School: Fort Fairfield Middle/High Sch

REPORTING CATEGORIES	School										SAU						State					
	Tested	E		M		P		D		Mean Scaled Score	Tested	E	M	P	D	Mean Scaled Score	Tested	E	M	P	D	Mean Scaled Score
	N	N	%	N	%	N	%	N	%		N	%	%	%	%		N	%	%	%	%	
All Students	25	1	4	12	48	5	20	7	28	1139	25	4	48	20	28	1139	14660	9	40	28	22	1141
Ethnicity																						
African American/Black	1										1						303	3	23	27	47	1133
American Indian or Native Alaskan	0										0						100	5	27	30	38	1135
Asian or Pacific Islander	0										0						219	11	34	28	26	1141
Hispanic	0										0						151	3	34	33	30	1137
Caucasian/White	24	1	4	12	50	5	21	6	25	1140	24	4	50	21	25	1140	13887	9	41	28	21	1141
Not Reported	0										0						0					
Identified disability																						
Yes	5	1	20	1	20	0	0	3	60	1135	5	20	20	0	60	1135	1865	1	11	24	64	1127
No	20	0	0	11	55	5	25	4	20	1141	20	0	55	25	20	1141	12795	10	45	29	16	1143
Current LEP																						
Yes	0										0						225	0	9	22	68	1126
No	25	1	4	12	48	5	20	7	28	1139	25	4	48	20	28	1139	14435	9	41	29	21	1141
Economically disadvantaged																						
Yes	12	0	0	6	50	3	25	3	25	1139	12	0	50	25	25	1139	4120	3	30	32	35	1136
No	13	1	8	6	46	2	15	4	31	1140	13	8	46	15	31	1140	10540	11	44	27	17	1143
Migrant																						
Yes	0										0						3					
No	25	1	4	12	48	5	20	7	28	1139	25	4	48	20	28	1139	14657	9	40	28	22	1141
Gender																						
Female	12	0	0	6	50	3	25	3	25	1139	12	0	50	25	25	1139	7098	10	43	29	18	1142
Male	13	1	8	6	46	2	15	4	31	1140	13	8	46	15	31	1140	7562	9	37	28	26	1140
Not Reported	0										0						0					
Title 1A targeted program																						
Yes	7	1	14	3	43	0	0	3	43	1141	7	14	43	0	43	1141	291	3	28	28	41	1135
No	18	0	0	9	50	5	28	4	22	1139	18	0	50	28	22	1139	14369	9	40	28	22	1141
Gifted/talented program																						
Yes	0										0						520	52	45	3	1	1161
No	25	1	4	12	48	5	20	7	28	1139	25	4	48	20	28	1139	14140	8	40	29	23	1140

E = Exceeds the Standards M = Meets the Standards P = Partially Meets the Standards D = Does Not Meet the Standards

NOTE: Some achievement level results have been left blank because fewer than five (5) students were tested. N = Number

MATHEMATICS RESULTS

Test Date: May 2009
SAU: MSAD 20
School: Fort Fairfield Middle/High Sch

ACHIEVEMENT LEVELS: Achievement level definitions describe the quality of a student's responses on state-level assessments in relation to the mathematics standards for achieving Maine's *Learning Results*. Maine state-level assessments measure the knowledge and skills of students by sampling identified standards within mathematics at the grade level assessed. Evidence includes responses to a combination of multiple-choice items and items requiring student-created responses in an "on demand" setting.

STUDENTS AT EACH ACHIEVEMENT LEVEL

		School		SAU		State	
		N	%	N	%	N	%
Exceeds the Standards – The student's work demonstrates in-depth understanding of essential concepts in mathematics, including the ability to make multiple connections among central ideas. The student's responses demonstrate the ability to synthesize information, analyze and solve difficult or unfamiliar problems, and apply complex concepts. (scaled score 1162-1180)	2006-2007	1	3	1	3	578	4
	2007-2008	0	0	0	0	637	4
	2008-2009	1	4	1	4	596	4
	Cum. Total*	2	2	2	2	1811	4
Meets the Standards – The student's work demonstrates an understanding of essential concepts in mathematics, including the ability to make connections among central ideas. The student's responses demonstrate the ability to reason, analyze and solve problems, and apply concepts. (scaled score 1142-1160)	2006-2007	10	32	10	32	5481	36
	2007-2008	21	46	21	46	5508	37
	2008-2009	10	38	10	38	5674	38
	Cum. Total*	41	40	41	40	16663	37
Partially Meets the Standards – The student's work demonstrates incomplete understanding of essential concepts in mathematics and inconsistent connections among central ideas. The student's responses demonstrate some ability to analyze and solve problems and apply concepts. (scaled score 1134-1140)	2006-2007	10	32	10	32	4754	31
	2007-2008	19	41	19	41	5065	34
	2008-2009	10	38	10	38	4622	31
	Cum. Total*	39	38	39	38	14441	32
Does Not Meet the Standards – The student's work demonstrates limited understanding of essential concepts in mathematics and infrequent or inaccurate connections among central ideas. The student's responses demonstrate minimal ability to solve problems and apply concepts. (scaled score 1100-1132)	2006-2007	10	32	10	32	4607	30
	2007-2008	6	13	6	13	3660	25
	2008-2009	5	19	5	19	4116	27
	Cum. Total*	21	20	21	20	12383	27

MATHEMATICS RESULTS BY REPORTING SUBGROUPS

Test Date: May 2009
SAU: MSAD 20
School: Fort Fairfield Middle/High Sch

REPORTING CATEGORIES	School										SAU						State					
	Tested	E		M		P		D		Mean Scaled Score	Tested	E	M	P	D	Mean Scaled Score	Tested	E	M	P	D	Mean Scaled Score
	N	N	%	N	%	N	%	N	%		N	%	%	%	%		N	%	%	%	%	
All Students	26	1	4	10	38	10	38	5	19	1142	26	4	38	38	19	1142	15008	4	38	31	27	1141
Ethnicity																						
African American/Black	1										1						315	1	15	29	56	1134
American Indian or Native Alaskan	0										0						106	1	20	31	48	1134
Asian or Pacific Islander	0										0						227	11	41	28	21	1144
Hispanic	0										0						157	1	27	25	46	1136
Caucasian/White	25	1	4	10	40	9	36	5	20	1143	25	4	40	36	20	1143	14203	4	39	31	27	1141
Not Reported	0										0						0					
Identified disability																						
Yes	5	0	0	2	40	1	20	2	40	1140	5	0	40	20	40	1140	1959	0	7	19	73	1130
No	21	1	5	8	38	9	43	3	14	1143	21	5	38	43	14	1143	13049	5	42	33	21	1142
Current LEP																						
Yes	0										0						239	0	14	24	62	1132
No	26	1	4	10	38	10	38	5	19	1142	26	4	38	38	19	1142	14769	4	38	31	27	1141
Economically disadvantaged																						
Yes	13	1	8	4	31	5	38	3	23	1143	13	8	31	38	23	1143	4306	1	24	33	42	1136
No	13	0	0	6	46	5	38	2	15	1142	13	0	46	38	15	1142	10702	5	43	30	21	1142
Migrant																						
Yes	0										0						4					
No	26	1	4	10	38	10	38	5	19	1142	26	4	38	38	19	1142	15004	4	38	31	27	1141
Gender																						
Female	12	0	0	5	42	4	33	3	25	1141	12	0	42	33	25	1141	7248	3	38	33	27	1140
Male	14	1	7	5	36	6	43	2	14	1144	14	7	36	43	14	1144	7760	5	38	29	28	1141
Not Reported	0										0						0					
Title 1A targeted program																						
Yes	7	0	0	3	43	2	29	2	29	1141	7	0	43	29	29	1141	293	1	23	37	39	1137
No	19	1	5	7	37	8	42	3	16	1143	19	5	37	42	16	1143	14715	4	38	31	27	1141
Gifted/talented program																						
Yes	0										0						521	31	63	4	2	1157
No	26	1	4	10	38	10	38	5	19	1142	26	4	38	38	19	1142	14487	3	37	32	28	1140

E = Exceeds the Standards M = Meets the Standards P = Partially Meets the Standards D = Does Not Meet the Standards

NOTE: Some achievement level results have been left blank because fewer than five (5) students were tested. N = Number

WRITING RESULTS

Test Date: May 2009
SAU: MSAD 20
School: Fort Fairfield Middle/High Sch

ACHIEVEMENT LEVELS: Achievement level definitions describe the quality of a student's responses on state-level assessments in relation to the writing standards for achieving Maine's *Learning Results*.

Maine state-level assessments measure the knowledge and skills of students by sampling identified standards within writing at the grade level assessed. Evidence includes responses to a combination of multiple-choice items and items requiring student-created responses in an "on demand" setting.

		STUDENTS AT EACH ACHIEVEMENT LEVEL					
		School		SAU		State	
		N	%	N	%	N	%
Exceeds the Standards – The student's responses demonstrate skillful ability to select clear, precise sentence improvements that are free of awkwardness or ambiguity; to recognize grammar and usage errors; and to select revisions that add to the clarity, precision and overall effectiveness of a passage. The student's essay demonstrates an effectively developed and insightful point of view on the issue and outstanding critical thinking, with clearly appropriate examples, reasons, and other evidence to support a position. The essay is well-organized and clearly focused, demonstrating clear coherence and smooth progression of ideas and free of most errors in grammar, usage, and mechanics. (scaled score 1162-1180)	2006-2007	1	3	1	3	937	6
	2007-2008	0	0	0	0	962	7
	2008-2009	0	0	0	0	1062	7
	Cum. Total*	1	1	1	1	2961	7
Meets the Standards – The student's responses demonstrate ability to select clear sentence improvements that are free of awkwardness or ambiguity; to recognize grammar and usage errors; and to select revisions that add to the clarity and overall effectiveness of a passage. The student's essay demonstrates an effectively developed point of view on the issue and strong critical thinking, with generally appropriate examples, reasons, and other evidence to support a position. The essay is well-organized and focused, demonstrating coherence and progression of ideas and generally free of most errors in grammar, usage, and mechanics. (scaled score 1142-1160)	2006-2007	10	34	10	34	6167	41
	2007-2008	17	38	17	38	5564	38
	2008-2009	8	32	8	32	5706	39
	Cum. Total*	35	35	35	35	17437	39
Partially Meets the Standards – The student's responses demonstrate inconsistent ability to select clear sentence improvements that are free of awkwardness or ambiguity; to recognize grammar and usage errors; and to select revisions that add to the clarity and overall effectiveness of a passage. The student's essay demonstrates a developed point of view on the issue and some critical thinking, but may do so inconsistently or with inadequate examples, reasons, or other evidence to support a position. The essay is generally organized and focused, but may demonstrate some lapses in coherence or progression of ideas and may contain errors in grammar, usage, and mechanics. (scaled score 1130-1140)	2006-2007	9	31	9	31	4723	31
	2007-2008	19	42	19	42	4679	32
	2008-2009	12	48	12	48	4487	31
	Cum. Total*	40	40	40	40	13889	31
Does Not Meet the Standards – The student's responses demonstrate limited ability to select clear sentence improvements that are free of awkwardness or ambiguity; to recognize grammar and usage errors; and to select revisions that add to the clarity and overall effectiveness of a passage. The student's essay demonstrates a vague or seriously limited point of view on the issues and weak critical thinking, with inappropriate or insufficient examples, reasons, or other evidence to support a position. The essay is poorly organized and/or focused and may contain an accumulation of errors in grammar, usage, and mechanics that interfere with understanding the message of the essay. (scaled score 1100-1128)	2006-2007	9	31	9	31	3227	21
	2007-2008	9	20	9	20	3376	23
	2008-2009	5	20	5	20	3408	23
	Cum. Total*	23	23	23	23	10011	23

WRITING RESULTS BY REPORTING SUBGROUPS

Test Date: May 2009
SAU: MSAD 20
School: Fort Fairfield Middle/High Sch

REPORTING CATEGORIES	School										SAU						State					
	Tested	E		M		P		D		Mean Scaled Score	Tested	E	M	P	D	Mean Scaled Score	Tested	E	M	P	D	Mean Scaled Score
	N	N	%	N	%	N	%	N	%		N	%	%	%	%		N	%	%	%	%	
All Students	25	0	0	8	32	12	48	5	20	1136	25	0	32	48	20	1136	14663	7	39	31	23	1140
Ethnicity																						
African American/Black	1										1						302	2	22	32	44	1133
American Indian or Native Alaskan	0										0						100	2	23	35	40	1134
Asian or Pacific Islander	0										0						219	10	37	27	26	1141
Hispanic	0										0						151	4	29	32	35	1135
Caucasian/White	24	0	0	8	33	11	46	5	21	1137	24	0	33	46	21	1137	13891	7	40	31	23	1140
Not Reported	0										0						0					
Identified disability																						
Yes	5	0	0	1	20	1	20	3	60	1132	5	0	20	20	60	1132	1861	0	8	21	71	1125
No	20	0	0	7	35	11	55	2	10	1138	20	0	35	55	10	1138	12802	8	43	32	16	1142
Current LEP																						
Yes	0										0						224	0	8	28	64	1127
No	25	0	0	8	32	12	48	5	20	1136	25	0	32	48	20	1136	14439	7	39	31	23	1140
Economically disadvantaged																						
Yes	12	0	0	4	33	5	42	3	25	1137	12	0	33	42	25	1137	4121	2	27	33	38	1134
No	13	0	0	4	31	7	54	2	15	1136	13	0	31	54	15	1136	10542	9	44	30	18	1142
Migrant																						
Yes	0										0						3					
No	25	0	0	8	32	12	48	5	20	1136	25	0	32	48	20	1136	14660	7	39	31	23	1140
Gender																						
Female	12	0	0	4	33	7	58	1	8	1138	12	0	33	58	8	1138	7103	9	43	31	17	1143
Male	13	0	0	4	31	5	38	4	31	1135	13	0	31	38	31	1135	7560	6	35	30	30	1138
Not Reported	0										0						0					
Title 1A targeted program																						
Yes	7	0	0	2	29	3	43	2	29	1137	7	0	29	43	29	1137	291	3	25	36	35	1135
No	18	0	0	6	33	9	50	3	17	1136	18	0	33	50	17	1136	14372	7	39	30	23	1140
Gifted/talented program																						
Yes	0										0						520	43	52	3	1	1159
No	25	0	0	8	32	12	48	5	20	1136	25	0	32	48	20	1136	14143	6	38	32	24	1139

E = Exceeds the Standards M = Meets the Standards P = Partially Meets the Standards D = Does Not Meet the Standards

NOTE: Some achievement level results have been left blank because fewer than five (5) students were tested. N = Number

SCIENCE RESULTS

Test Date: May 2009
SAU: MSAD 20
School: Fort Fairfield Middle/High Sch

ACHIEVEMENT LEVELS: Achievement level definitions describe the quality of a student's responses on state-level assessments in relation to the science standards for achieving Maine's *Learning Results*.

Maine state-level assessments measure the knowledge and skills of students by sampling identified standards within science at the grade level assessed. Evidence includes responses to a combination of multiple-choice items and items requiring student-created responses in an "on demand" setting.

Exceeds the Standards – The student's work demonstrates in-depth understanding of essential concepts in science, including the ability to make multiple connections among central ideas. The student's responses demonstrate the ability to synthesize information, analyze and solve difficult problems, and explain complex concepts using evidence and proper terminology to support and communicate logical conclusions. (scaled score 1162-1180)

2008-2009*

Meets the Standards – The student's work demonstrates a general understanding of essential concepts in science, including the ability to make connections among central ideas. The student's responses demonstrate the ability to analyze and solve routine problems and explain central concepts with sufficient clarity and accuracy to demonstrate general understanding. (scaled score 1142-1160)

2008-2009*

Partially Meets the Standards – The student's work demonstrates incomplete understanding of essential concepts in science and inconsistent connections among central ideas. The student's responses demonstrate some ability to analyze and solve problems but the quality of responses is inconsistent. Explanation of concepts may be incomplete or unclear. (scaled score 1134-1140)

2008-2009*

Does Not Meet the Standards – The student's work demonstrates limited understanding of essential concepts in science and infrequent or inaccurate connections among central ideas. The student's responses demonstrate minimal ability to solve problems. Explanations are illogical, incomplete, or missing. There are many inaccuracies. (scaled score 1100-1132)

2008-2009*

STUDENTS AT EACH ACHIEVEMENT LEVEL

School		SAU		State	
N	%	N	%	N	%
2	8	2	8	602	4
8	32	8	32	5431	37
8	32	8	32	3876	26
7	28	7	28	4958	33

Learning Results Content Standards	Number of Points Possible		Average Points Attained (Number and Percent)					
			School		SAU		State	
	N	%	N	%	N	%	N	%
Science Total Points	56	100	24.63	44.0	24.63	44.0	22.76	40.6
D. The Physical Setting	34	61	14.49	42.6	14.49	42.6	13.63	40.1
D1/D2 Earth/Space	14	25	6.71	47.9	6.71	47.9	6.05	43.2
D3/D4 Matter and Energy/Force and Motion	20	36	7.79	39.0	7.79	39.0	7.58	37.9
E. The Living Environment	22	39	10.13	46.0	10.13	46.0	9.13	41.5

The MHSA assesses students' science knowledge based on questions that measure the science accountability content standards highlighted in Maine's 2007 *Learning Results: Parameters for Essential Instruction*, which can be found at: <http://www.maine.gov/education/lres/pei/index.html>.

Content Standard D. The Physical Setting

- D1 - Universe and Solar System
- D2 - Earth
- D3 - Matter and Energy
- D4 - Force and Motion

Content Standard E. The Living Environment

- E1 - Biodiversity
- E2 - Ecosystems
- E3 - Cells
- E4 - Heredity and Reproduction
- E5 - Evolution

SCIENCE RESULTS BY REPORTING SUBGROUPS

Test Date: May 2009
SAU: MSAD 20
School: Fort Fairfield Middle/High Sch

REPORTING CATEGORIES	School										SAU						State					
	Tested	E		M		P		D		Mean Scaled Score	Tested	E	M	P	D	Mean Scaled Score	Tested	E	M	P	D	Mean Scaled Score
	N	N	%	N	%	N	%	N	%		N	%	%	%	%		N	%	%	%	%	
All Students	25	2	8	8	32	8	32	7	28	1142	25	8	32	32	28	1142	14867	4	37	26	33	1140
Ethnicity																						
African American/Black	1										1						311	1	18	20	61	1133
American Indian or Native Alaskan	0										0						102	1	19	30	50	1135
Asian or Pacific Islander	0										0						225	5	40	20	36	1141
Hispanic	0										0						152	2	23	18	57	1136
Caucasian/White	24	2	8	8	33	8	33	6	25	1143	24	8	33	33	25	1143	14077	4	37	26	32	1141
Not Reported	0										0						0					
Identified disability																						
Yes	5	1	20	1	20	1	20	2	40	1142	5	20	20	20	40	1142	1928	0	9	18	72	1131
No	20	1	5	7	35	7	35	5	25	1143	20	5	35	35	25	1143	12939	5	41	27	28	1142
Current LEP																						
Yes	0										0						234	0	10	11	79	1129
No	25	2	8	8	32	8	32	7	28	1142	25	8	32	32	28	1142	14633	4	37	26	33	1140
Economically disadvantaged																						
Yes	13	0	0	4	31	7	54	2	15	1142	13	0	31	54	15	1142	4264	2	24	26	47	1136
No	12	2	17	4	33	1	8	5	42	1143	12	17	33	8	42	1143	10603	5	41	26	28	1142
Migrant																						
Yes	0										0						4					
No	25	2	8	8	32	8	32	7	28	1142	25	8	32	32	28	1142	14863	4	37	26	33	1140
Gender																						
Female	11	0	0	4	36	4	36	3	27	1140	11	0	36	36	27	1140	7179	2	32	29	37	1139
Male	14	2	14	4	29	4	29	4	29	1144	14	14	29	29	29	1144	7688	6	40	23	30	1142
Not Reported	0										0						0					
Title 1A targeted program																						
Yes	7	1	14	2	29	2	29	2	29	1142	7	14	29	29	29	1142	287	2	23	26	49	1136
No	18	1	6	6	33	6	33	5	28	1143	18	6	33	33	28	1143	14580	4	37	26	33	1140
Gifted/talented program																						
Yes	0										0						517	28	65	6	1	1156
No	25	2	8	8	32	8	32	7	28	1142	25	8	32	32	28	1142	14350	3	35	27	35	1140

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